

## CLAIMS

1. A control apparatus for a vehicle which comprises a fuel cell for generating electricity, auxiliary equipment of the fuel cell, a secondary battery to be charged with electricity  
5 generated by the fuel cell, and a motor to be fed with electricity from the fuel cell and/or the secondary battery, wherein the control apparatus commences start-up of the fuel cell, supplying electricity from the secondary battery to the auxiliary  
10 equipment, monitors status of the fuel cell, and as the status meets a predetermined condition, computes an electric power at which the secondary battery discharges electricity, based on state of charge of the  
15 secondary battery and remaining time to completion of the start-up of the fuel cell, and supplies electricity from the secondary battery to the motor at the computed electric power.
2. The control apparatus according to claim 1, wherein  
20 the predetermined condition is based on the state of charge of the secondary battery.
3. The control apparatus according to claim 1, wherein the electric power is computed in the case the motor is fed with electricity from the secondary battery.
- 25 4. The control apparatus according to claim 1, wherein the electricity from the secondary battery is supplied to power-consuming auxiliary equipment before the motor.
5. The control apparatus according to claim 1, wherein the start-up of the fuel cell can be executed in a  
30 plurality of procedures, one of the procedures is selected

depending on ambient conditions of the vehicle, and  
the predetermined condition is set for each procedure.

6. The control apparatus according to claim 5, wherein  
the remaining time to completion of the start-up of the  
5 fuel cell is set for each procedure.

7. The control apparatus according to claim 5, wherein  
the ambient conditions comprise ambient temperature of  
the vehicle.

8. A method for starting up a vehicle which comprises a fuel  
10 cell for generating electricity, auxiliary equipment of the  
fuel cell, a secondary battery to be charged with electricity  
generated by the fuel cell, a motor to be fed with electricity  
from the fuel cell and/or the secondary battery, the method  
comprising:

15 commencing start-up of the fuel cell, supplying  
electricity from the secondary battery to the auxiliary  
equipment;

monitoring status of the fuel cell;

computing an electric power at which the secondary  
20 battery discharges electricity, based on state of charge of the  
secondary battery and remaining time to completion of the  
start-up of the fuel cell, as the status meets a predetermined  
condition; and

supplying electricity from the secondary battery to the  
25 motor at the computed electric power.